

IN THE UNITED STATES RECEIVING OFFICE (RO/US)

APPLICANT(S) : LAVECCHIA, Felice and MELOTTI, Giorgio
SERIAL NO. : Not yet assigned
FILED : Herewith
PRIORITY APPL'N : VR2001A000007, ITALY, Filed 19 January 2001
FOR : A SECURITY DEVICE PARTICULARLY SUITABLE FOR
VALUABLES CASES

Commissioner for Patents
Washington, D.C. 20231

PRELIMINARY AMENDMENT

SIR:

Prior to calculation of the filing fee in the above-identified application, please amend the application as follows. In the appendices attached hereto, the amendments are set forth with underscoring and brackets delineating the changes made herein.

IN THE SPECIFICATION:

Page 1, rewrite heading (entitled "Description") to read as follows:

--BACKGROUND OF THE INVENTION--

Page 1, between the second and third paragraphs (i.e., before the paragraph, "The main object of the present invention is...."), centered on page, insert a heading as follows:

--OBJECTS OF THE INVENTION--

Page 1, between the forth and fifth paragraphs (i.e., before the paragraph, "These and other objects that will be...."), centered on page, insert a heading as follows:

--SUMMARY OF THE INVENTION--

Page 2, between the first and second paragraphs (i.e., before the paragraph, "Further aspects and advantages of the present invention...."), centered on page, insert heading as follows:

--BRIEF DESCRIPTION OF THE DRAWINGS--

Page 2, between the third and forth paragraphs (i.e., before the paragraph, "With reference firstly to the above-listed Figures and...."), centered on page, insert a heading as follows:

--DETAILED DESCRIPTION OF PREFERRED EMBODIMENTS--

Page 10, rewrite heading (entitled "CLAIMS") to read as follows:

--WHAT IS CLAIMED IS:--

IN THE CLAIMS:

Amend claim 1 as follows:

1. (Once Amended) A security device particularly suitable for a valuables case, having at least one electric power source and an alarm system electrically connected to said power source, said alarm system comprising at least one light-responsive means that is installed in a valuables case and is energized by the said electric power source upon control and by a change in environment lighting conditions, whereby generating at least one control signal for energizing the said alarm system.

Amend claim 2 as follows:

2. (Once Amended) A security device according to claim 1, comprising a key for the activation of said light-responsive means.

Amend claim 3 as follows:

3. (Once Amended) A security device according to claim 2, comprising a control means for said light-responsive means.

Amend claim 4 as follows:

4. (Once Amended) A security device as claimed in claim 1, comprising a signal transmitter unit installed in said valuables case and a receiving unit arranged to receive signals transmitted by said transmitter unit.

Amend claim 5 as follows:

5. (Once Amended) A security device according to claim 4, wherein the said transmitter unit is a satellite transmitter unit controlled by said control means.

Amend claim 6 as follows:

6. (Once Amended) A security device according to claim 1, wherein said light-responsive means comprises a luminosity levels sensor.

Amend claim 7 as follows:

7. (Once Amended) A security device according to claim 6, wherein said luminosity level sensor comprises at least one photodiode.

Amend claim 8 as follows:

8. (Once Amended) A security device according to claim 3, wherein said control means comprises a photocoupler including a diode and a transistor, said diode being connected to

the, or to each of the light-responsive means, said transistor being connected to a control device controlled by said photocoupler depending on the behavior of said light-responsive means.

Amend claim 9 as follows:

9. (Once Amended) A security device according to claim 5, wherein said control means comprises an inductor designed to generate a magnetic field.

Amend claim 10 as follows:

10. (Once Amended) A security device according to claim 1, wherein said alarm system comprises a sounder alarm and a door locking system.

Amend claim 11 as follows:

11. (Once Amended) A security device according to claim 1, wherein said alarm system is a remotely controlled system.

Amend claim 12 as follows:

12. (Once Amended) A security device according to claim 8, wherein said control means comprises a first operational amplifier.

Amend claim 13 as follows:

13. (Once Amended) A security device according to claim 8, wherein said control device comprises a second operational amplifier.

Amend claim 14 as follows:

14. (Once Amended) A security device according to claim 1, comprising a sequencer means.

Amend claim 15 as follows:

15. (Once Amended) A security device according to claim 14, wherein said sequencer means comprises two logic NAND-type ports.

Amend claim 16 as follows:

16. (Once Amended) A security device according to claim 1, wherein said light-responsive means comprises an infrared sensor.

Amend claim 17 as follows:

17. (Once Amended) A security device according to claim 16, comprising an infrared emitter located at a sales or display counter.

Amend claim 18 as follows:

18. (Once Amended) A security device according to claim 1, comprising a luminosity detection circuit indicating the electric power source charge level.

Amend claim 19 as follows:

19. (Once Amended) A security device according to claim 1, comprising a sensitivity selector for the, or for each of the light-responsive means.

REMARKS

Claims 1-19 are pending in the application. The present amendment is submitted to eliminate multiple dependent claims, particularly improper multiple dependent claims, to correct grammatical formatting and remove drawing references, and to reduce the filing fee.

Respectfully submitted,

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APPENDIX A
TO PRELIMINARY AMENDMENT, SHOWING CHANGES TO SPECIFICATION

Page 1, rewrite heading (entitled "Description") to read as follows:

--BACKGROUND OF THE INVENTION--

Page 1, between the second and third paragraphs (i.e., before the paragraph, "The main object of the present invention is...."), centered on page, insert a heading as follows:

--OBJECTS OF THE INVENTION--

Page 1, between the forth and fifth paragraphs (i.e., before the paragraph, "These and other objects that will be...."), centered on page, insert a heading as follows:

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Page 2, between the first and second paragraphs (i.e., before the paragraph, "Further aspects and advantages of the present invention...."), centered on page, insert heading as follows:

--BRIEF DESCRIPTION OF THE DRAWINGS--

Page 2, between the third and forth paragraphs (i.e., before the paragraph, "With reference firstly to the above-listed Figures and...."), centered on page, insert a heading as follows:

--DETAILED DESCRIPTION OF PREFERRED EMBODIMENTS--

Page 10, rewrite heading (entitled "CLAIMS") to read as follows:

--WHAT IS CLAIMED IS:--

APPENDIX B
TO PRELIMINARY AMENDMENT, SHOWING CHANGES TO CLAIMS

1. (Once Amended) A security device particularly suitable for a valuables case, having at least one electric power source [(10, 31)] and alarm system [(8, 9)] electrically connected to said power source [(10, 31)], [characterised in that it comprises] said alarm system comprising at least one light-responsive means [(2, 32)] that is installed in a valuables case [(1)] and is energized by the said electric power source [(10, 31)] upon control and by a change in environment lighting conditions, whereby generating at least one control signal for energizing the said alarm system [(8, 9)].
2. (Once Amended) A security device according to claim[s] 1, [characterised in that it comprises] comprising a key for the activation of said light-responsive [device] means [(2, 32)].
3. (Once Amended) A security device according to claim 2, [characterised in that it comprises] comprising a control means [(3)] for said light-responsive [device] means [(2, 32)].
4. (Once Amended) A security device as claimed in [any preceding] claim 1, [characterised in that it comprises] comprising a signal transmitter unit [(6)] installed in said valuables case [(1)] and a receiving unit [(7)] arranged to receive signals transmitted by said transmitter unit [(6)].
5. (Once Amended) A security device according to claim 4, [characterised in that] wherein

the said transmitter unit [(6)] is a satellite transmitter unit controlled by said control means [(3)].

6. (Once Amended) A security device according to claim [5 or 4] 1, [characterised in that] wherein said light-responsive [device] means comprises a luminosity levels sensor.

7. (Once Amended) A security device according to claim 6, [characterised in that] wherein said luminosity level sensor comprises at least one photodiode [(2a, 2b)].

8. (Once Amended) A security device according to [any preceding] claim [5 to 7] 3, [characterised in that] wherein said control means [(3)] comprises a photocoupler [(13)] including a diode [(13a)] and a transistor [(13b)], said diode [(13a)] being connected to the, or to each of the light-responsive means [(2)], said transistor [(13b)] being connected to a control device [(4)] controlled by said photocoupler [(13)] depending on the behavio[u]r of said light-responsive means [(2)].

9. (Once Amended) A security device according to claim 5, [characterised in that] wherein said control means [(3)] comprises an inductor [(16)] designed to generate a magnetic field.

10. (Once Amended) A security device according to [any preceding] claim 1, [characterised in that] wherein said alarm system [(8, 9)] comprises a sounder alarm and a door locking system.

11. (Once Amended) A security device according to [any preceding] claim 1, [characterised in that] wherein said alarm system [(8, 9)] is a remotely controlled system.

12. (Once Amended) A security device according to [any preceding] claim 8, [characterised by the fact that] wherein said control means [(3)] comprises a first operational amplifier [(23)].

13. (Once Amended) A security device according to [any preceding] claim 8, [characterised in that] wherein said control device [(4)] comprises a second operational amplifier [(27)].

14. (Once Amended) A security device according to [any preceding] claim 1, [characterised in that it comprises] comprising a sequencer means (30).

15. (Once Amended) A security device according to claim 14, [characterised in that] wherein said sequencer means comprises two logic NAND-type ports.

16. (Once Amended) A security device according to [any preceding] claim 1, [characterised in that] wherein said light-responsive means [(2, 32)] comprises an infrared sensor [(22)].

17. (Once Amended) A security device according to claim 16, [characterised in that it comprises] comprising an infrared emitter [(24)] located at a sales or display counter.

18. (Once Amended) A security device according to [any preceding] claim 1, [characterised in that it comprises] comprising a luminosity detection circuit [(32)] indicating the electric power source charge level.

19. (Once Amended) A security device according to [any preceding] claim 1, [characterised

in that it comprises] comprising a sensitivity selector [(21)] for the, or for each of the light-responsive means [(2, 32)].